

ABSTRACT OF THE DISCLOSURE

An auto laser power control circuit is provided which improves the response of the optical output level of a laser diode in accordance with variations in the operation mode.

5 In an auto laser power control circuit for comparing a voltage corresponding to the optical output from the laser diode which emits a light in accordance with a supplied driving current with a reference voltage, and controlling the driving current so as to reduce the difference at the time of the steady operation,
10 by controlling a switch connected between the input and output terminals of an operational unit which compares the voltage corresponding to the optical output from the laser diode and the reference voltage, the driving current to the laser diode is controlled with a smaller time constant upon the start such
15 as a transition of from a read operation mode to a write operation mode as compared with the time of the steady operation.